

Converting Colors

CIELCh(42, 118.285, 309.056)

Have a look what the booklet for
CIELCh(42, 118.285, 309.056)
contains.

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Color

CIELCh(42, 118.155, 309.115)

Conversions

Conversions Part 1

Format	Color
Hex	7329FF
RGB	115, 41, 255
RGB Percent	45%, 16%, 100%
CMY	0.5480, 0.8382, 0.0000
CMYK	0.55, 0.84, 0.00, 0.00
HSL	261°, 100%, 58%
HSV	261°, 84%, 100%
XYZ	25.9920, 12.5000, 95.8432
YIQ	87.5220, -24.5900, 82.2420

Conversions

Conversions Part 2

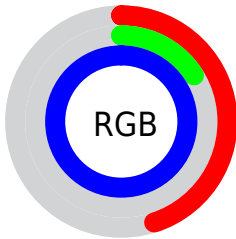
Format	Color
R _Y B	115, 41, 255
Decimal	7547391
CIE Lab	42.00, 74.54, -91.67
CIE LCh	42, 118.155, 309.115
Yxy	12.5000, 0.1935, 0.0931
Android (android.graphics.Color)	4285737471 (0xFF7329FF)
YUV	87.5220, 82.5667, 24.0982
Hunter-Lab	35.3553, 69.3549, -135.9779

Details

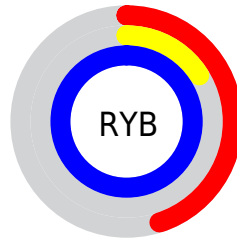
The CIELCh color **42, 118.155, 309.115** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **92, 97.382, 120.787**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 88.909, 312.720**, and **25, 108.985, 306.980** is the 20% darker color. If you saturate the color by 10%, you get **38, 125.992, 309.040**, and if you desaturate by 10%, it is **47, 106.524, 308.753**.

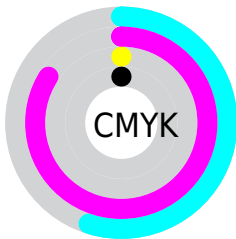
Distribution



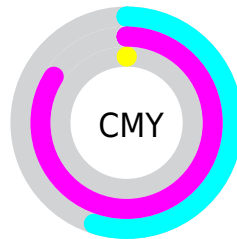
- Red (45%)
- Green (16%)
- Blue (100%)



- Red (45%)
- Yellow (16%)
- Blue (100%)



- Cyan (55%)
- Magenta (84%)
- Yellow (0%)
- Black (0%)





- Cyan (55%)
- Magenta (84%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 118.155, 309.115 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 42, 118.155, 309.115 by changing the saturation by 10% instead.


 42, 118.155,
309.115


 42, 118.155,
309.115


 100, 118.155,
309.115


 32, 118.155,
309.115


 62, 118.155,
309.115


 22, 118.155,
309.115


 72, 118.155,
309.115


 12, 118.155,
309.115


 82, 118.155,
309.115

 2, 118.155,
309.115

 92, 118.155,
309.115

 0, 118.155,
309.115

 42, 118.155,

 42, 118.155,

309.115

■ 38, 125.992,
309.040

■ 37, 129.093,
308.785

309.115

■ 47, 106.524,
308.753

■ 53, 92.764,
308.101

■ 60, 77.938,
307.315

■ 67, 62.807,
306.498

■ 75, 47.800,
305.707

■ 82, 33.133,
304.975

■ 90, 18.904,
304.314

■ 97, 5.147, 303.718

100, 0.012,
296.813

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



42, 118.155, 309.115



92, 97.382, 120.787

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42, 118.155, 309.115



42, 118.155, 359.115



42, 118.155, 129.115



42, 118.155, 179.115

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



42, 118.051, 309.123



81, 34.835, 305.058



71, 46.876, 255.050



41, 23.903, 305.310



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42, 118.051, 309.123



37, 129.093, 308.785



56, 111.395, 322.347



49, 7.718, 304.050



27, 103.758, 308.954



5, 44.831, 308.824

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58, 87.578, 345.305



56, 89.447, 348.985



89, 111.288, 134.861



50, 7.102, 336.869



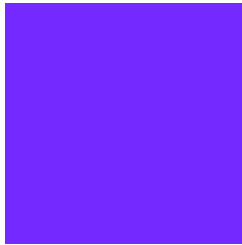
42, 72.284, 348.501



11, 34.089, 345.282

Previews

White Background



This preview shows how the CIE LCh color 42, 118.155, 309.115 looks on a white background.

Color Contrast Check

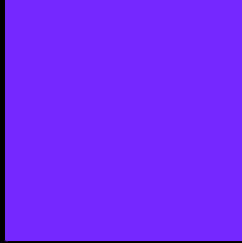
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 42, 118.155, 309.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

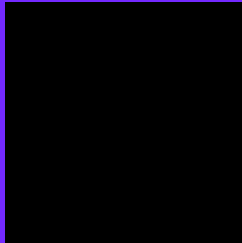
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 42, 118.155, 309.115

Background



This preview shows how black text looks on a background with the CIELCh color 42, 118.155, 309.115.



This preview shows how white text looks on a background with the CIELCh color 42, 118.155, 309.115.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


42, 118.155, 309.115

Protanopia

42, 63.556, 286.684

Deuteranopia

42, 43.782, 272.516



Tritanopia
42, 14.479, 217.590

Trichromacy



Original Color
42, 118.155, 309.115

Protanomaly
39, 87.042, 298.091

Deuteranomaly
39, 73.907, 294.996

Tritanomaly
39, 50.646, 297.968

Monochromacy



Original Color
42, 118.155, 309.115

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 48.817, 307.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 118.155, 309.115 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(115, 41, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 41, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(115, 41, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 41, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 118.155, 309.115 is called "border". The border property can be set on classes, ids or directly on the HTML element.

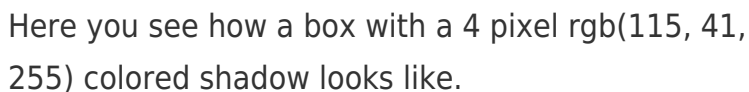
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 41, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(115, 41, 255) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(115, 41, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 41, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 41, 255); box-shadow:4px 4px 4px 4px rgb(115, 41, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 118.155, 309.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 41, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(115, 41,  
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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